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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 03 08:56:40 EDT 2007

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Reviewer Comments:

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa = arginal, hemisulfate

Xaa can only represent single amino acid, the given response for 'Xaa' is not valid.

Please check for the subsequent errors throught-out the sequence listing.

Application No: 10713679 Version No: 2.0

Input Set:

Output Set:

Started: 2007-09-20 17:08:34.188
Finished: 2007-09-20 17:08:37.524
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 336 ms
Total Warnings: 108
Total Errors: 224
No. of SeqIDs Defined: 108
Actual SeqID Count: 108

Error code	Error Description
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E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
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W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)

Input Set:

Output Set:

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Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
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E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
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W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Faustman, Denise

<120> Screening Methods to Identify Treatments for Autoimmune Disease

<130> 00786/428002

<140> 10713679

<141> 2007-09-20

<150> US 60/426,590

<151> 2002-11-15

<160> 108

<170> PatentIn version 3.3

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Asp Glu Val Asp
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5

10

15

Leu Glu Val Asp

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Val Glu Ile Asp

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5

10

15

Leu Glu Ile Asp

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Ile Glu Thr Asp
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Ala Glu Val Asp
1

<210> 51
<211> 4
<212> PRT
<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 51

Ala Glu Val Asp

1

<210> 52

<211> 3

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

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<223> ACETYLATION

<220>

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<222> (3)..(3)

<223> Xaa = arginal, hemisulfate

<400> 52

Leu Leu Xaa

1

<210> 53

<211> 3

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<213> Artificial

<220>

<223> synthetic

<220>

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<222> (3)..(3)

<223> Asp is Asp-AFC

<400> 53

Val Ala Asp

1

<210> 54

<211> 7

<212> PRT

<213> Artificial

<220>

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<222> (1)..(1)

<223> Asn is H-Asn

<400> 54

Asn Glu Ala Tyr Val His Asp

1 5

<210> 55

<211> 7

<212> PRT

<213> Artificial

<220>

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<223> Tyr is Dabcy1-Tyr

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Val is Val-EDANS

<400> 55

Tyr Val Ala Asp Ala Pro Val

1 5

<210> 56

<211> 4

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<220>
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<220>
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<222> (4)..(4)
<223> Asp is Asp-AMC

<400> 56

Tyr Val Ala Asp
1

<210> 57
<211> 4
<212> PRT
<213> Artificial

<220>
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<220>
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<222> (4)..(4)
<223> Asp is Asp-pNA

<400> 57

Tyr Val Ala Asp
1

<210> 58
<211> 7
<212> PRT
<213> Artificial

<220>
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<223> Tyr is MCA-Tyr

<220>

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<222> (7)..(7)

<223> Lys is Lys(DNP)-OH

<400> 58

Tyr Val Ala Asp Ala Pro Lys

1 5

<210> 59

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Tyr is Z-Tyr

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-AFC

<400> 59